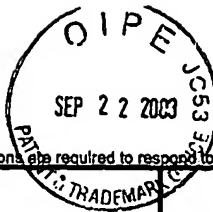


Please type a plus sign (+) inside this box → ☐



Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person shall be required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/653,503
		Filing Date	02 September 2003
		First Named Inventor	Len L. Mizrah
		Group Art Unit	
		Examiner Name	
Sheet	1	of	3
		Attorney Docket Number	AIDT 1005-1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
/T.H./	A1	4,200,770		Hellman et al.	04-29-1980	
	A2	5,241,599		Bellovin et al.	08-31-1993	
	A3	5,434,918		Kung et al.	07-18-1995	
	A4	5,841,871		Pinkas	11-24-1998	
	A5	5,872,917		Hellman	02-16-1999	
	A6	6,058,480		Brown	05-02-2000	
	A7	6,076,163		Hoffstein et al.	06-13-2000	
	A8	6,085,320		Kaliski, Jr.	07-04-2000	
	A9	6,105,133		Fielder et al.	08-15-2000	
	A10	6,161,185		Guthrie et al.	12-12-2000	
	A11	6,170,058		Kausik	01-02-2001	
	A12	6,189,098		Kaliski, Jr.	02-13-2001	
	A13	6,199,113		Alegre et al.	03-06-2001	
	A14	6,226,383		Jablon	05-01-2000	
	A15	6,230,269		Spies et al.	05-08-2001	
	A16	6,367,010		Venkatram et al.	04-02-2002	
	A17	6,377,691		Swift et al.	04-23-2002	
	A18	6,393,127		Vogler	05-21-2002	
	A19	6,487,667		Brown	11-26-2002	
	A20	2002/0095507		Jerdonek	07-18-2002	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	B1						
	B2						
	B3						
	B4						
	B5						
	B6						
	B7						
	B8						
	B9						
	B10						

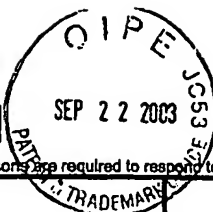
Examiner Signature	/Thomas Ho/	Date Considered	03/15/2007
-----------------------	-------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐



PTO/SB/08B (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3

### Complete if Known

Application Number	10/653,503
Filing Date	02 September 2003
First Named Inventor	Len L. Mizrah
Group Art Unit	
Examiner Name	
Attorney Docket Number	AIDT 1005-1

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/T.H./	C1	BELLOVIN, STEVEN M., et al., "Limitations of the Kerberos Authentication System," USENIX, Winter 1991, Dallas, Texas, 1-16 (A version of this paper was published in October 1990 in Computer Communications Review).	
/T.H./	C2	DIFFIE, WHITFIELD, et al., "New Directions in Cryptography," IEEE Transactions on Information Theory, Vol. IT-22, No. 6, Nov. 1976, 644-654.	
/T.H./	C3	Federal Information Processing Standards Publication (FIPS) 46-3, "Data Encryption Standard (DES)," 25 October 1999, 18 pages.	
/T.H./	C4	Federal Information Processing Standards Publication (FIPS) 180-1, "Secure Hash Standard," 17 April 1995, 18 pages.	
/T.H./	C5	NOAKES-FRY, KRISTEN, "Public-Key Infrastructure: Technology Overview," DPRO-90693, Gartner Technology Overview, 20 May 2003, 18 pages.	
/T.H./	C6	PARK, STEPHEN K., et al., "Random Number Generators: Good Ones are Hard to Find," Communications of the ACM 31(10), October 1988, 1192-1201.	
/T.H./	C7	WHEATMAN, V., "Public-Key Infrastructure Q&A," Gartner Research Note, 13 November 2002, 5 pages.	
/T.H./	C8	PESCATORE, JOHN, "Another Microsoft Security Flaw Threatens Users' Trust," FT-17-8896, Gartner FirstTake, 15 August 2002, 2 pages.	
/T.H./	C9	PESCATORE, J., et al., "Secure Sockets Layer Sometimes Isn't," Gartner Research Note, 3 April 2002, 4 pages.	
/T.H./	C10	RIVEST, R., RFC 1320, "The MD4 Message-Digest Algorithm," MIT Laboratory for Computer Science and RSA Data Security, Inc., April 1992, 20 pages.	
/T.H./	C11	RIVEST, R., RFC 1321, "The MD5 Message-Digest Algorithm," MIT Laboratory for Computer Science and RSA Data Security, Inc., April 1992, 22 pages.	

Examiner Signature	/Thomas Ho/	Date Considered	03/15/2007
-----------------------	-------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

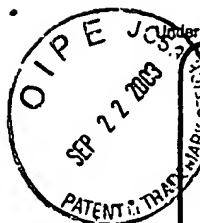
Please type a plus sign (+) inside this box → ☐

PTO/SB/088 (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 3

### Complete If Known

Application Number 10/653,503  
Filing Date 02 September 2003  
First Named Inventor Len L. Mizrah  
Group Art Unit  
Examiner Name  
Attorney Docket Number AIDT 1005-1

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/T.H./	C12	LLOYD, B, et al., RFC 1334, "PPP Authentication Protocols," L&A and Daydreamer, October 1992, 14 pages.	
/T.H./	C13	KOHL, J., et al., RFC 1510, "The Kerberos Network Authentication Service (V5)," Digital Equipment Corporation and ISI, September 1993, 97 pages.	
T.H./	C14	SCHNEIER, BRUCE, "Applied Cryptography," Second Ed. John Wiley and Sons, Inc. (1996), 233-560.	
/T.H./	C15	SMITH, K., RFC 1934, "Ascend's Multilink Protocol Plus (MP+)," Ascend Communications, April 1996, 37 pages.	
/T.H./	C16	FIELDING, R., et al., RFC 2068, "Hypertext Transfer Protocol – HTTP/1.1," UC Irvine, DEC, MIT/LCS, January 1997, 134 pages.	
/T.H./	C17	ZORN, G., RFC 2759, "Microsoft PPP CHAP Extensions, Version 2," Microsoft Corporation, January 2000, 16 pages.	

Examiner Signature	/Thomas Ho/	Date Considered	03/15/2007
--------------------	-------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.